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12-13-00

PTO/SB/05 (2/98)

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|   |   |                              |
|---|---|------------------------------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><i>(Only for new nonprovisional applications under 37 CFR 1.53(h))</i> | Attorney Docket No.                               | 01827.0016.00US00            |
|   | First Named Inventor or<br>Application Identifier | Ganning YANG and John WALLEY |
|   | Title   | BURST DETECTOR               |
|   | Express Mail Label No.                            | EL 711910063US               |

929 U.S. PTO  
09/735369  
12-12-00

| APPLICATION ELEMENTS<br><i>See MPEP chapter 600 concerning utility patent application contents</i>   |                    | ADDRESS TO: Commissioner for Patents<br>Box Patent Application<br>Washington, DC 20231   |  |
|--|--------------------|--|--|
| 1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082)<br><i>(Submit an original and a duplicate for fee processing)</i>   |                    | 5. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i>  |  |
| 2. <input checked="" type="checkbox"/> Specification<br><i>(preferred arrangement set forth below)</i><br>- Descriptive title of the Invention<br>- Cross References to Related Applications<br>- Statement Regarding Fed sponsored R&D<br>- Reference to Microfiche Appendix<br>- Background of the Invention<br>- Brief Summary of the Invention<br>- Brief Description of the Drawings (if filed)<br>- Detailed Description<br>- Claims<br>- Abstract of the Disclosure | [Total Pages 32 ]  | 6. Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i><br>a. <input type="checkbox"/> Computer Readable Copy<br>b. <input type="checkbox"/> Paper Copy (identical to computer copy)<br>c. <input type="checkbox"/> Statement verifying identity of above<br>copies |  |
| <input checked="" type="checkbox"/> Drawing(s) <i>(35 USC 113)</i>   | [Total Sheets 12 ] | <b>ACCOMPANYING APPLICATION PARTS</b>  |  |
| 3. Oath or Declaration   | [Total Pages ]     | 7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))  |  |
| a. <input type="checkbox"/> Newly executed (original or copy)  |                    | 8. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i>  |  |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br><i>(for continuation/divisional with Box 17 completed)</i><br><i>[Note Box 5 below]</i>  |                    | 9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>  |  |
| i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s) named<br>in the prior application, see 37 CFR 1.63(d)(2) and<br>1.33(b).  |                    | 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations  |  |
|  |                    | 11. <input type="checkbox"/> Preliminary Amendment   |  |
|  |                    | 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)   |  |
|  |                    | 13. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired   |  |
|  |                    | 14. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i>   |  |
| <small>*NOTE FOR ITEMS 1 &amp; 14 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)</small>  |                    |  |  |

15. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /  
Prior Application Information: Examiner: Group/Art Unit:

16. CORRESPONDENCE ADDRESS

|   |                            |           |                |                                   |                   |
|---|----------------------------|-----------|----------------|-----------------------------------|-------------------|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label 22930 or <input checked="" type="checkbox"/> Correspondence address below<br><i>(Insert Customer No. or Attach bar code label here)</i> |                            |           |                |                                   |                   |
| NAME Robert C. Laurenson  |                            |           |                |                                   |                   |
| HOWREY SIMON ARNOLD & WHITE, LLP  |                            |           |                |                                   |                   |
| Box No. 34  |                            |           |                |                                   |                   |
| ADDRESS 1299 Pennsylvania Avenue, N.W.  |                            |           |                |                                   |                   |
| CITY  | Washington                 | STATE     | DC             | ZIP CODE                          | 20004-2402        |
| COUNTRY   | US                         | TELEPHONE | (858) 622-5100 | FAX                               | 202-383-7195      |
| Name (Print/Type)   | Robert C. Laurenson        |           |                | Registration No. (Attorney/Agent) | 34,206            |
| Signature   | <i>Robert C. Laurenson</i> |           |                | Date                              | December 11, 2000 |

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**FORM PTO-1082**

Express Mail No. EL 711910063US

**HOWREY SIMON ARNOLD & WHITE, LLP**

Box No. 34

1299 Pennsylvania Avenue, N.W.

Washington, D.C. 20004-2402

(858) 622-5100

**Box Patent Application**

COMMISSIONER FOR PATENTS

Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of **Ganning YANG** and **John WALLEY**,  
for **Burst Detector**.

Also, enclosed are:

1. Utility Patent Application Transmittal
2. Utility Application
3. Drawings
4. Reply Postcard

|  | (Col. 1)  | (Col. 2)  |
|--|-----------|-----------|
| FOR  | NO. FILED | NO. EXTRA |
| BASIC FEE  |           |           |
| TOTAL CLAIMS   | 48-20 =   | 28        |
| INDEP. CLAIMS  | 8-3 =     | 5         |
| <input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED |           |           |

\*If the difference in Col. 1 is less than zero, enter  
"0" in Col. 2

| SMALL ENTITY |           |
|--------------|-----------|
| RATE         | FEE       |
|              | \$ 355.00 |
| x 9 =        | 0.00      |
| x 40 =       | 0.00      |
| + 135 =      | 0.00      |
| TOTAL        | \$0.00    |

| OTHER THAN A SMALL ENTITY |            |
|---------------------------|------------|
| RATE                      | FEE        |
|                           | \$ 710.00  |
| x 18 =                    | 252.00     |
| x 80 =                    | 400.00     |
| + 270 =                   | 270.00     |
| TOTAL                     | \$1,632.00 |

This application is being filed under 37 C.F.R. §1.53(b)(1) without declaration and filing fee.

HOWREY SIMON ARNOLD & WHITE, LLP

*Robert C. Laurenson*

Date: December 11, 2000

Robert C. Laurenson, Reg. No. 34,206